Claims:

1. A method of determining a value of a recording pulse parameter for optical record carrier recording, where recording pulses are applied to a recording surface of the optical record carrier for writing a pattern of optically readable marks on the record carrier, said method comprising:
writing test patterns with pre-determined values of the recording pulse parameter, said values being different for each test pattern; and
reading the test pattern and forming a read signal; and
measuring jitter values of the read signal corresponding to each test pattern; and
forming a dependence of the jitter values versus the pre-determined values of the recording pulse parameter,
where two substantially monotonous parts of the dependence are distinguished, each of the substantially monotonous part is approximated with a linear function and an intersection of the linear functions is determined in order to derive an optimised value of the recording pulse parameter.

2. A method of claim 1, where the recording pulse parameter is recording power level of the recording pulse.

3. A method of claim 1, where the optimised value of the recording pulse parameter is recorded on the optical record carrier.

4. A method of claim 1, where the optimised value of the recording pulse parameter is stored in a device for determining values of recording pulse parameter.

5. A device for determining values of recording pulse parameter for optical carrier recording, comprising:
recording unit for writing a pattern of optically readable marks on a record carrier by irradiating a recording surface of the record carrier with recording pulses;
a test signal generator for generating a test signal comprising a test pattern with pre-determined values of the recording pulse parameter and supplying the test signal to an input of a processing unit;
reading unit for reading marks on the record carrier and providing a read signal;

control unit for optimising the value of the recording pulse parameter and supplying a control signal representing the optimised recording pulse parameter;
a jitter detector for measuring jitter values of the read signal corresponding to the test patterns and supplying the jitter values to the control unit;
processing unit for converting input information to be recorded into an output signal, the output signal corresponding to radiation pulses and representing the input information, where optimised value of the recording pulse parameter is provided by the control signal
where the control unit is arranged to form a dependence of the jitter values versus the pre-determined values of the recording pulse parameter and to derive the optimised value of the recording pulse parameter by determination of an intersection of two linear functions, where each linear function is an approximation of substantially monotonous part of the dependence.

6. A device of claim 5, comprising storage unit for storing of the optimised value of the recording pulse parameter.

7. An optical record carrier inscribable by recording pulses, comprising:
a substrate, and means on the substrate, including control information comprising a value of a recording pulse parameter, where the value of the recording pulse parameter is optimised by determination of an intersection of two linear functions, where each linear function is an approximation of substantially monotonous part of a dependence of measured jitter values versus pre-determined values of the recording pulse parameter.

8. An optical recording carrier of claim 7, where the recording pulse parameter is recording power level of the recording pulse.